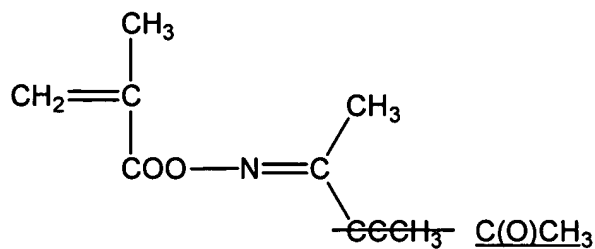


**SPECIFICATION AMENDMENTS:**

Please replace the present ABSTRACT OF THE DISCLOSURE, Page 68,  
with the Replacement Sheet 68 attached hereto.

On Page 18 of the Specification, please amend Equation 4 as follows:



Please amend the paragraph appearing at page 27, which includes lines 9 and 10 thereof, to read as follows:

Then, after the removal of the covering resin 7 by dissolution, the mold pattern 3 is irradiated, as shown in Fig. 1E, by an ionizing radiation of a wavelength of 300 nm or less across the liquid flow path in structure member 4 constituted of a hardened portion by the pattern exposure to the negative-working photosensitive material layer. Such irradiation intends to decompose the crosslinked positive-working resist constituting the mold pattern 3 to a lower molecular weight, thereby enabling easy removal thereof.

Please amend Page 45 as shown on the attached Replacement Sheet.

- 45 -

A-187 (Nihon Unicar Inc.) 4 parts by weight

SP-170 (Asahi Denka Industries Co.)

2 parts by weight

Diethylene glycol monoethyl ether

5 100 parts by weight

Then the liquid flow path structure material 207 and the ink repellent layer were patterned by a pattern exposure by MPA-600 (manufactured by Canon Inc.) with a light of a wavelength of 290 to 400 nm and with an exposure amount of 400 mJ/cm<sup>2</sup>, then a post-exposure bake for 120 seconds at 120°C on a hot plate and a development with methyl isobutyl ketone to form an ink discharge port 209. In the present embodiment, there was formed a discharge port pattern of a diameter of 10 μm.

Then, on the rear surface of the processed substrate, an etching mask [[7]] having an aperture of a width of 1 mm and a length of 10 mm was prepared with a polyetheramide composition (HIMAL, manufactured by Hitachi Chemical Co.). Then the substrate was subjected to an anisotropic etching by immersion in a 22 wt.% TMAH aqueous solution maintained at 80°C, thereby forming an ink supply aperture 210. In this operation, in order to protect the ink water repellent layer 5 (which also repels ink) from the etching solution, the anisotropic etching was conducted after coating a protective film (OBC manufactured by Tokyo Oka Industries Co.; not